Fluxient Bicycle Light User Manual

Model: 3XU2

Fluxient electric appliance Co., Ltd.

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1. Please Read Before Use

Please read this user manual to completely familiarize you with this product. Make sure you understand all functions before hitting the trails.

Cycling in the dark is inherently dangerous. Always make sure the light is firmly secured and the battery is fully charged before you go for a ride. Like all other electronic devices, the light can fail at any unexpected time. It is advised to always keep a backup light and battery pack with you whenever you go on an extended ride. Please note that your Fluxient light is very bright, never aim it directly at any oncoming motorists/cyclists.

Your Fluxient bicycle light is equipped with a high capacity Lithium-ion battery pack. Please completely charge the battery before first use of the light. While the battery pack is double protected, you should always observe the following:

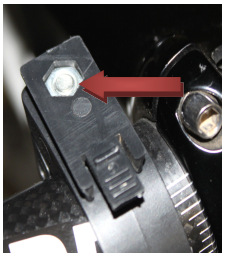
- While charging the batteries, never leave it unattended for a long time.
- Only use the Fluxient charger to charge the batteries. Using other chargers to charge Fluxient batteries may cause battery failure and/or other serious damage.

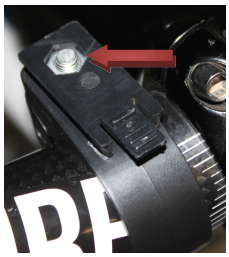
Your Fluxient bicycle light uses high power U2 LEDs which, in high mode generate a significant amount of heat. The aluminum body is designed to draw most of the excess heat away. The light head may get extremely hot during this process if sufficient air flow is not provided. Please use with caution. **NOTE**: The over-heating protection circuit will automatically reduce the high bright level to low in the event of over-heating. When the temperature returns to the normal operating range full bright will automatically resume.

2. Charging the battery pack

The battery pack is shipped half charged. You need to fully charge it before first use.

- Connect the battery to the charger- the charger LED will turn Green.
- Plug the charger into the power outlet – the charger LED will turn Red indicating that the battery is charging. A full charge from empty will take approximately 4.5 hours.
- Once fully charged the LED will turn Green. Unplug the charger and disconnect the battery.


Perfect threads

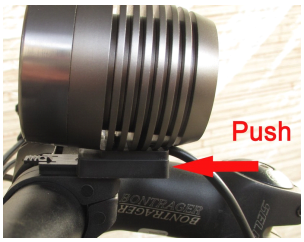

Too many threads
use a strip-spacer.

3. Handle Bar Mounting

- Remove the screw from the handlebar mount and install the mount on the bar with the release tab facing forward.
- The rubber strip spacers included are used to achieve a proper fit to your handlebars. The spaces can be trimmed with scissors to achieve a good solid fit.
- Re-install the mounting screw and tighten as needed to secure the mount (Don't over-tighten). The nut shouldn't show more than two threads above the surface. If too much thread is protruding, the light will not slide onto the mount. Simply add an additional piece of rubber strip as needed.(install the mount on the 31.8mm bar, no need add any rubber strip.)

Cut strip-spacers as needed

- Install the light to the mount flow the slot and direction as the photo.
  When you wan to take light down from mount, put the button and move the light to the back .



Install light on mount

Take light down

- Find the most suitable place for mounting the battery. If you have a long enough stem, this is the best place to put it; otherwise you can mount it to your bike frame or handlebars (Opposite side to where the light is).
- Estimate how much cable length you will require and then secure up the excess cable.
- Wrap the Velcro strap around the stem/frame/handle bars, at the same time securing the excess cable with a Velcro strap.
- Plug the light cable into the battery cable.

4.

Stem mount battery pack

Handlebar mount battery pack

Frame mount battery pack

Operating Fluxient 3XU2 light

WARNING: Use common since when installing your lights and make sure that your light, cables and battery don't interfere with the proper use of your handlebar or the control levers. Your handlebars should be able to turn full left/right without binding or stretching cables or interfering with the controls. If you're not comfortable about your installation, please have your Local Bike Shop install the lights for you.

- The switch is illuminated while plugged in which makes it easy to locate in the dark.
- The light starts in the OFF mode.
- Quick Push the switch button for High, Medium, Low and Strobe.
- Push and hold the switch button for two seconds (from any setting) to turn the light OFF.

5. Battery Level Indicator

As the battery depletes, the backlit switch button will change color from Blue to Red. Blue : 100%-20% , Red :20% - 0%

6. Battery Storage

Disconnect the battery pack from the light head when not using. Store the battery pack fully charged and re-charge it before using the lighting system again. If not used for an extended period of time, please store the battery pack in a cool dry place to avoid excessive discharge.

7. Troubleshooting

Failure	Caused	Solution
No light	Battery is over discharged	Charge the battery
	Battery is not plugged in correctly	Make sure all parts are firmly connected
Running time too short	Battery is not fully charged	Charge the battery
	New battery	Charge the battery
	Very old battery	Replace the battery
	Cold temperature	Keep the battery warm
	Defective charger	Replace the charger
Flicker	Cables not secured	Make sure all parts are firmly connected

8. Technical Data

LED: 3 Cree XML U2 LED's
LED lifespan: 50,000 hours +
Brightness: 3000 lumens
Range: 500m
Lens: High transparent Hardened Glass
Modes: 3-level adjustable brightness &flashing.
Over-heat protection function: If the unit overheats the light will auto power down to 30% until the temp cools then it will auto power back up to 100% (This is to save the LED's and Battery.)
Output levels: Max: 3000 lumens - Medium: 1500 lumens - Low: 700 lumens
Runtime: Max: 2.7 hours - Medium: 6 hours - Low : 12 hours
Battery capacity/Voltage: 7.4V 8x18650 quality Li-ion battery cells (water resistant design)
Charger: 8.4V 2A output fast charger
Charge time: 4.5 hours
Shell material: Aircraft Grade Aluminum alloy
Mount: 25.2 to 31.8 mm Bar
Waterproof Grade: IP65
Weight : 196g without battery pack, 596g with battery pack
Package Includes: head light, battery pack, charger, extension cable, handlebar mount, allen wrench, Velcro tape and storage bag.

9.Manufacture Warranty: 2 Years for the Light, Charger, Battery Pack, Mount and extension wire. Crashes and mis-handling are not covered.